

1 We claim:

2 1. A processor for processing native Dead Sea minerals into an ultra fine mineral
3 compound comprising:

4 a conical screen mill having an impeller; and

5 a collecting bin for collecting said ultra fine mineral compound once the native
6 Dead Sea minerals have been forced through said conical screen mill.

7 2. The processor for processing native Dead Sea minerals into an ultra fine mineral
8 compound of Claim 1 further comprising a nuisance collector for collecting
9 debris into a nuisance collection receptacle placed from said collecting bin.

10 3. The processor for processing native Dead Sea minerals into an ultra fine mineral
11 compound of Claim 2 further comprising a cover on said collecting bin for
12 closing said collecting bin to prevent the ultra fine particulate from escaping into
13 the air.

14 4. A method processing native Dead sea minerals into an ultra fine mineral
15 compound comprising the steps of:

16 transporting said native Dead sea minerals into a processor comprising a
17 conical screen mill with impeller; and

18 forcing said native Dead Sea minerals through said conical screen mill with
19 said impeller and into a collecting bin.

20 5. The method of processing native Dead Sea minerals into an ultra fine mineral
21 compound of Claim 4 further comprising the step of collecting debris into a

1 nuisance collection system.

2 6. The method of processing native Dead Sea minerals into an ultra fine mineral
3 compound of Claim 5 further comprising the step of closing the collecting bin to
4 prevent the ultra fine particulate from escaping into the air.

5 7. The method of processing native Dead Sea minerals into an ultra fine mineral
6 compound of Claim 6 comprising the step of modifying the room atmosphere in
7 which the processing occurs with a temperature no higher than 78 degrees with
8 cool, dry positive pressure.

9 8. The method of processing native Dead Sea minerals into an ultra fine mineral
10 compound of Claim 6 further comprising the step of maintaining a low level of
11 heat and moisture to enable the ultra fine mineral compound to remain free-
12 flowing without anti-caking agents.

13 9. A processor for processing native minerals into an ultra fine mineral compound
14 comprising:

15 a conical screen mill having an impeller; and

16 a collecting bin for collecting said ultra fine mineral compound once the native
17 minerals have been forced through said conical screen mill.

18 10. The processor for processing native minerals into an ultra fine mineral
19 compound of Claim 9 further comprising a nuisance collector for collecting
20 debris into a nuisance collection receptacle placed from said collecting bin.

21 11. The processor for processing native minerals into an ultra fine mineral

1 compound of Claim 10 further comprising a cover on said collecting bin for
2 closing said collecting bin to prevent the ultra fine particulate from escaping into
3 the air.

4 12. A method of processing native minerals into an ultra fine mineral compound
5 comprising the steps of:
6 transporting said native minerals into a processor comprising a conical screen
7 mill with impeller; and
8 forcing said native minerals through said conical screen mill with said
9 impeller and into a collecting bin.

10 13. The method of processing native minerals into an ultra fine mineral compound
11 of Claim 12 further comprising the step of collecting debris into a nuisance
12 collection system.

13 14. The method of processing native minerals into an ultra fine mineral compound
14 of Claim 13 further comprising the step of closing the collecting bin to prevent
15 the ultra fine particulate from escaping into the air.

16 15. The method of processing native minerals into an ultra fine mineral compound
17 of Claim 14 comprising the step of modifying the room atmosphere in which the
18 processing occurs with a temperature no higher than 78 degrees with cool, dry
19 positive pressure.

20 16. The method of processing native minerals into an ultra fine mineral compound
21 of Claim 15 further comprising the step of maintaining a low level of heat and

1 moisture to enable the ultra fine mineral compound to remain free-flowing
2 without anti-caking agents.
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